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U.S. PTOPlease type a plus sign (+) inside this box →

PTO/SB/05 (3-01)

Approved for use through 10/31/2002. OMB 0651-0032
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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. HAYES P23US0

First Inventor Kenneth D. McKibben

Title SHELL SAND CORE MACHINE

Express Mail Label No. EV 124389129 US

U.S. PTO
22581
10/7/2003

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington DC 20231

1. *Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 1]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
5. Oath or Declaration [Total Pages 3]
a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76.
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
a. Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. CD-ROM or CD-R (2 copies); or
ii. paper
c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No: _____

Prior application information: Examiner _____

Group/Art Unit _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below

Name	VARNUM, RIDDERING, SCHMIDT & HOWLETT LLP				
Address	P.O. BOX 352				
City	GRAND RAPIDS	State	MICHIGAN	Zip Code	49501
Country	U.S.	Telephone	(616) 336-6000	Fax	(616) 336-7000

Name (Print/Type)	Peter V. Serman	Registration No. (Attorney/Agent)	25,185
Signature	<i>Peter V. Serman</i>	Date	10/7/2003

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121203
10/7/2003

FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$1,068.00)

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Other None
Order
 Deposit Account:

Deposit Account No.

22-0257

Deposit Account Name

The Director is authorized to: (check all that apply)

-
- Charge fee(s) indicated below
-
- Credit any overpayments
-
-
- Charge any additional fee(s) or any underpayment of fee(s)
-
-
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee	Fee	Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)	Code (\$)	Code (\$)	
1001	2001	Utility Filing Fee	780.00	
1002	2002	Design Filing Fee		
1003	2003	Plant Filing Fee		
1004	2004	Reissue Filing Fee		
1005	2005	Provisional Filing Fee		
SUBTOTAL (1) (\$ 780.00)				

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	- 20**	=	Extra Claims	X	Fee from below	Fee Paid
Independent	6	=	3	X	\$86.00	= \$258.00
Claims						
Multiple Dependent						

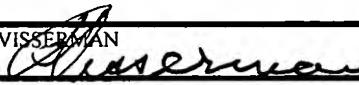
Large Entity Small Entity

Fee	Fee	Fee	Fee Description
Code (\$)	Code (\$)	Code (\$)	Code (\$)
1202	2202	Claims in excess of 20	
1201	2201	Independent claims in excess of 3	
1203	2203	Multiple dependent claim, if not paid	
1204	2204	**Reissue dependent claims over org. patent	
1205	2205	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$ 258.00)			

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY

Name (Print/Type) PETER VISSERMAN

Signature 

Complete if Known	
Application Number	
Filing Date	
First Named Inventor	Kenneth D. McKibben
Examiner Name	
Art Unit	
Attorney Docket No.	P23US

FEE CALCULATION (continued)

3. ADDITIONAL FEES		
Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	Fee Description
1051	2051	Surcharge – late filing fee or oath
1052	2052	Surcharge – late provisional filing fee or cover sheet
1053	1053	Non-English specification
1812	1812	For filing a request for <i>ex parte</i> reexamination
1804	1804	Requesting publication of SIR prior to Examiner action
1805	1805	Requesting publication of SIR after Examiner action
1251	2251	Extension for reply within first month
1252	2252	Extension for reply within second month
1253	2253	Extension for reply within third month
1254	2254	Extension for reply within fourth month
1255	2255	Extension for reply within fifth month
1401	2401	Notice of Appeal
1402	2402	Filing a brief in support of an appeal
1403	2403	Request for oral hearing
1451	1451	Petition to institute a public use proceeding
1452	2452	Petition to revive - unavoidable
1453	2453	Petition to revive - unintentional
1501	2501	Utility issue fee (or reissue)
1502	2502	Design issue fee
1503	2503	Plant issue fee
1460	1460	Petitions to the Commissioner
1807	1807	Processing fee under 37 CFR 1.17(q)
1806	1806	Submission of information Disclosure Stmt
8021	1021	Recording each patent assignment per property (times number of properties) 40.00
1809	2809	Filing a submission after final rejection (37 CFR 1.129(a))
1810	2810	For each additional invention to be examined (37 CFR 1.129(b))
1801	2801	Request for Continued Examination (RCE)
1802	1802	Request for expedited examination of a design application
Other fee (specify)		
*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$ 40.00)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and selection option 2.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant[s]: **McKIBBEN, Kenneth D.**
 For: **SHELL SAND CORE MACHINE**
 Serial No.:
 Filed:

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

"Express Mail" Mailing Label No.:
 EV 124389129 US

Date of Deposit: December 12, 2003

Sir:

I hereby certify that the documents listed below are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<input checked="" type="checkbox"/> Transmittal Form	<input checked="" type="checkbox"/> Declaration for Patent Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Check attached for \$1,068.00	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Notice of Allowance and Issue Fee Due
<input type="checkbox"/> Provisional Application for Patent Cover Transmittal <input type="checkbox"/> Specification <u> </u> Pages <input type="checkbox"/> Claims <u> </u> Pages	<input type="checkbox"/> Information Disclosure Cover Letter <input type="checkbox"/> IDS PTO 1449 <input type="checkbox"/> References	<input type="checkbox"/> Certificate of Correction
<input checked="" type="checkbox"/> Design/Utility Application Transmittal <input checked="" type="checkbox"/> Specification <u>2</u> Pages <input checked="" type="checkbox"/> Claims <u>2</u> Pages	<input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> References	<input type="checkbox"/> Maintenance Fee Transmittal Form <input type="checkbox"/> Maintenance Fee Payment
<input type="checkbox"/> PCT <input type="checkbox"/> Transmittal Letter to the United States Receiving Office <input type="checkbox"/> PCT Fee Calculation Sheet <input type="checkbox"/> PCT Request (<u> </u> Pages) <input type="checkbox"/> PCT General Power of Attorney Cover Letter <input type="checkbox"/> PCT General Power of Attorney	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Letter to Official Draftsman	<input checked="" type="checkbox"/> Itemized Postcard
<input type="checkbox"/> Request Transmittal (RCE or CPA)	<input type="checkbox"/> Response to Missing Parts /Incomplete Application	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Preliminary Amendment
<input checked="" type="checkbox"/> Assignment Papers <i>(for an Application)</i>	<input type="checkbox"/> Request for Refund	

Dated: December 12, 2003



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